

Amendments to the Specification:

Please replace paragraph [0018] with the following paragraph:

[0018] In the above-described methods according to the first through fourth aspects of the invention, the optical characteristics of the optical system is are preferably calculated by at least one of a wavefront aberration, a point spread function (PSF), a modulation transfer function (MTF), and a resolving power, for thereby facilitating a mathematical analysis of the optical characteristic of the optical system.

Please replace the subheading on page 14, as follows:

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS~~THE INVENTION~~

Please replace paragraph [0049] with the following paragraph:

[0049] Step S25 is followed by step S26 in which the determined offset amount is divided into a plurality of divisions. The amount of each division is suitably determined depending upon the kind of the ophthalmic lens. When the ophthalmic lens is a contact lens, the amount of each division represented by an angle defined by the intersecting optical axes of the schematic eye and the temporary lens is not greater than 10°, and the optical characteristic of the optical system is obtained at an end point of each of the plurality of divisions. When the ophthalmic lens is an intraocular lens, the amount of each division represented by a distance between the optical axes of the schematic eye and the temporary lens is not greater than 2 mm as measured on the cornea of the schematic eye, and the optical characteristic of the optical system is obtained at ~~an~~an end point of each of the plurality of divisions.

Please replace paragraph [0050] with the following paragraph:

[0050] Step S26 is followed by step S27 in which the optical characteristic (n) of the optical system is obtained, at a position of the optical axis of the temporary lens which is offset from the optical axis of the schematic eye by a distance corresponding to one of the plurality of divisions [] of the offset amount determined in step S26.

Please replace paragraph [0055] with the following paragraph:

[0055] Referring next to a flow chart of Fig. 4, there will be explained another method of designing an ophthalmic lens according to a fourth embodiment of the invention. The flow chart of Fig. 4 starts with step S41 in which the specifications of a temporary lens which gives the intended ophthalmic lens are determined such that the temporary lens gives an optical power required by a wearer of the ophthalmic lens. The optical power required by the lens wearer is determined by various examinations of the eye to which the intended ophthalmic lens is applied, using various known devices. Based on the knowledge of those skilled in the art of the ophthalmic lens, the configuration of the temporary lens is temporarily temporarily determined, and the specifications of the temporary lens such as a base curve (BC) of a back surface, a front curve (FC) of a front surface, a diameter (DIA), a center thickness (CT), an aspheric coefficient, etc. are determined by taking into account a refractive index of a lens material.